

Notice of Allowability

Application No.

09/932,957

Applicant(s)

BREWER, SAMUEL JOSEPH

Examiner

Art Unit

Aung S. Moe

2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-29 (renumbered as 1-29).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date see attached
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

Aung S. Moe
Primary Examiner
Art Unit: 2618

DETAILED ACTION

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance: Claims 1-13 are considered allowable over the prior art of record since the prior art of record fails to show or fairly suggest a transmitter system for wireless communication with a remote receiver having a transmitter device, and the transmitter circuit including a resonant network oscillating at a resonant frequency to generate signals for transmission to the remote receiver, current sensing circuit coupled to the transmitter circuit for sensing current consumed by the same, and a controller generating a drive signal and outputting the drive signal to the transmitter circuit to control the resonance frequency thereof, the controller being coupled to the current sensing device to monitor the sensed current and changing the drive signal to adjust the resonance frequency of the resonant network once the sensed current exceeds a predetermined current value to minimize the sensed current consumed by the transmitter circuit as substantially described and connected in the independent claim 1.

Claims 14-27 are considered allowable over the prior art of record since the prior art of record fails to show or fairly suggest a transmitter system for wireless communication with a remote receiver, including: a transmitter circuit generating signals and transmitting the generated signals to the remote receiver; and a power supply block coupled to the transmitter circuit to supply power thereto, the power supply block further including: a current limit switching circuit coupled to a host computer to receive input power therefrom, the current limit switching circuit including a plurality of current limiting structures switchable to control charging current output from the current limit switching circuit at an output thereof, a storage capacitor coupled to the

Art Unit: 2618

output of the current limit switching circuit for being charged with the controlled charging current, and the storage capacitor being further coupled to the transmitter circuit to supply thereto a discharge current of the storage capacitor, and a feed-back circuit coupled between the storage capacitor and the current limit switching circuit, the feed-back circuit being adapted to monitor the charging current supplied to the storage capacitor and to switch the current limit switching circuit to a respective current limiting structure thereof to keep the charging current at a predetermined level thereof for the duration of the charging time as substantially described and connected in the independent claim 14.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Following references are related to the present claimed invention:


US005999857A	US006665525B2	US007005935B2	US006442434B1
US005170496A	US006772011B2	US006206835B1	US006343222B1

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aung S. Moe whose telephone number is 571-272-7314. The examiner can normally be reached on Flex.

Art Unit: 2618

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward F. Urban can be reached on 571-272-7899. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Aung S. Moe
Primary Examiner
Art Unit 2618

A. Moe
July 28, 2006